

Awardees in Doctoral Category for POSOCO POWER SYSTEM AWARDS (PPSA)-2022

NAME	PROJECT TITLE	Institute
Siba Kumar Patro	Topologies and Control of Hybrid Multilevel Converters with Enhanced Features for HVDC Transmission	IIT Bombay
Hemantkumar Goklani	Instrument Transformer Calibration and Transmission Line Parameters Estimation using PMU Data	IIT Bombay
Dr Piyush Warhad Pande	Estimation of Low Frequency Oscillation Modes in Power Systems and Online Tuning of the PSS Using Synchrophasor Measurements	IIT Kanpur
Subarni Pradhan	Control of Grid Interactive Microgrids Employing Solar Photovoltaic Array, Wind Turbine Driven PMSG and Battery	IIT Delhi
Devika Jay	ANALYSIS OF MARKET MECHANISMS FOR REACTIVE POWER ANCILLARY SERVICE	IIT Madras
Sumedha Sharma	Optimization Strategies for Smart Energy Systems under Uncertainties	IIT Delhi
Deepak Mishra	Advances in Polarization Depolarization Current (PDC) Measurement and Analysis for Effective Diagnosis of Power Transformer	IIT (ISM) Dhanbad
Priyatosh Mahish	Synchrophasor Data Based Control of Power Systems	IIT Kharagpur
Priyanka Mishra	PROTECTION OF DISTRIBUTION SYSTEMS IN THE PRESENCE OF INVERTER-INTERFACED SOLAR PHOTOVOLTAIC PLANTS	IIT Kharagpur
Vibhuti Nougain	Control, Operation and Protection of Low Voltage DC Systems	IIT Delhi
Birender Singh	LIFE ESTIMATION OF HIGH VOLTAGE TRANSFORMER INSULATION UNDER COMPOSITE VOLTAGES	IIT Ropar
Soumitri Jena	Improved Schemes for Busbar and Breaker-Failure Protection	IIT Roorkee
Hrishikesan V M	INVESTIGATION ON THE CAPABILITIES OF SMART TRANSFORMER ON POWER DISTRIBUTION SYSTEMS	IIT Guwahati
Nikhil Kumar Sharma	Development of New Protection Schemes for Microgrid	IIT Bhubneswar
Sathyamoorthy Dhayalan	Simulation and Experimental Investigation of Electro-Thermal Breakdown of HVDC Cables	IIT Ropar

Awardees in the Master Category for POSOCO POWER SYSTEM AWARDS (PPSA) -2022

Name	Project Title	Institute
Soumyajit Gangopadhyay	Price of Privacy of Smart Meter Data	IISC Bangalore
Enukonda Venkateshwar Reddy	High Impedance Fault Detection and Localization on Medium Voltage Overhead Insulation Covered Conductors	IIT Ropar
Balwani Mayurkumar Rajkumar	Development of a Smart Meter for Power Quality based Tariff Implementation in a Smart Grid	NIT Tiruchirappalli
Badugu Mahesh Raju	Adaptive Setting for Distance Relay of Feeder Connecting Converter–Interfaced Renewable Energy and Co-Ordination of Relays	NIT Calicut
Indeevar Reddy Meegada	Modelling of financially motivated FDI cyber Attacks and Strategic Optimal Scheduling of Virtual Power Plant in the Electricity markets	DTU
Revati Gunjal	Analysis and Control of Complex Networks A Learning Perspective	VJTI Mumbai
Ritesh Mohan Acharya	Blockchain Based Market for Electric Vehicle Energy Trading and Privacy Preserving Market for Data Trading In Smart Grid Environment	NIT Tiruchirappalli
Pranjal Gupta	Multi-stress Aging Studies on Polymeric Surge Arresters for HVDC Transmission	IISC Bangalore
Devesh Kumar	Energy Management Platform for Cooling System: Case Studies	IIT Gandhinagar
Abha Saxena	Development of protection scheme for Low voltage DC microgrid	IIT Bhubneswar
Jaisaikiran Reddy Kurre	Vulnerability Analysis of Distance Relay Under High Penetration Of Solar PV into the Power Grid	IIT Kharagpur
Shivanjali Yadav	Load Forecasting for Rare Events	MNIT Jaipur
Sharad Suman	Optimal Power Flow Solution Incorporating Stochastic Renewable Energy Sources for Controlled Emission	MNIT Jaipur
Souvik Bera	Voltage Unbalanced Mitigation Incorporating Thermostatically Controlled Loads considering Demand Side Management	Birla Institute Of Technology Mesra Ranchi
Shivam	Fault Location Identification in Ungrounded DC Microgrid	IIT Kanpur